

What is claimed is:

1. An internet connection system for connecting a terminal in each of a plurality of predetermined locations to internet accessed by the terminal, wherein:

each location, in which a terminal in communication is provided, is discriminated, the used communication band is recorded for each location, and a communication fee is determined based on the used communication band recorded for each location.

2. An internet connection system for connecting a terminal in each of a plurality of predetermined locations to internet accessed by the terminal, wherein:

locations, in which terminals in communication are provided, are discriminated, and communication bands are dynamically distributed from locations of redundant communication bands to locations of insufficient communication bands.

3. An internet connection system, wherein:

at least one terminal provided in each of a plurality of predetermined locations is connected to internet via a gateway commonly used by at least two locations and an access line; and

locations, in which terminals in communication are provided, are discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for

each location.

4. An internet connection system, wherein:

at least one terminal and a gateway connected to the terminal are provided in each of a plurality of predetermined locations, the terminal being connected to internet via an access line connected to the gateway in each location; and

locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for each location.

4

5. An internet connection system, wherein:

at least one terminal and a gateway connected to the terminal are provided in each of a plurality of predetermined locations, the terminal being connected to internet via an access line connected to the gateway in each location; and

locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for each location.

5

6. An internet connection system, wherein:

at least one terminal and a gateway connected to the

terminal are provided in each of a plurality of predetermined locations, the terminal being connected to internet via an access line connected to the gateway in each location; and

the communication extent of the access line connected via the gateway is compared for each location, the terminal being connected to internet via the gateway, to which a less communication extent access line is connected.

1

7. An internet connection system, wherein:

at least one terminal and a gateway connected to the terminal are provided in each of a plurality of predetermined locations, the terminal being connected to internet via an access line connected to the gateway in each location;

the communication extent of the access line connected via the gateway is compared for each location, the terminal being connected to internet via the gateway, to which a less communication extent access line is connected; and

locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for each location.

a

8. An internet system, wherein:

at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;

at least one wireless terminal wireless LAN connected to the wireless LAN base station belonging to the afore-said one location is provided in a different location adjacent to the afore-said location; and

the wireless terminal is connected to internet via the gateway connected to the wireless LAN base station and an access line connected to the gateway.

9. An internet system, wherein:

at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;

at least one wireless terminal wireless LAN connected to the wireless LAN base station belonging to the afore-said one location is provided in a different location adjacent to the afore-said location;

the wireless terminal is connected to internet via the gateway connected to the wireless LAN base station and an access line connected to the gateway; and

locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for

each location.

- 10
10. An internet connection system, wherein:
- at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;
- each wireless terminal is also wireless LAN connected to the wireless LAN base station in a location other than the own location;
- the wireless LAN base stations belonging to the plurality of locations are connected to a common gateway and connected to internet via an access line connected to the gateway; and
- the speed of communication between the wireless terminal in communication and the wireless LAN base station belonging to a different location wireless LAN connected to the wireless terminal in communication, the wireless terminal being connected to internet via a wireless LAN base station of a higher measured communication speed, the gateway and the access line.

11

11. An internet connection system, wherein:
- at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;
- each wireless terminal is also wireless LAN

connected to the wireless LAN base station in a location other than the own location;

the wireless LAN base stations belonging to the plurality of locations are connected to a common gateway and connected to internet via an access line connected to the gateway;

the speed of communication between the wireless terminal in communication and the wireless LAN base station belonging to a different location wireless LAN connected to the wireless terminal in communication, the wireless terminal being connected to internet via a wireless LAN base station of a higher measured communication speed, the gateway and the access line; and

locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for each location.

12. An internet connection system, wherein:

at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;

each wireless terminal is also wireless LAN connected to the wireless LAN base station in a location other than the own location;

the wireless LAN base stations belonging to the

plurality of locations are respectively connected to gateways and connected to internet via an access line connected to the gateway; and

the speed of communication between the wireless terminal in communication and the wireless LAN base station belonging to a different location wireless LAN connected to the wireless terminal in communication, the wireless terminal being connected to internet via a wireless LAN base station of a higher measured communication speed, the gateway and the access line.

13
13

13. An internet connection system, wherein:

at least one wireless terminal and a wireless LAN base station wireless LAN connected to the wireless terminal are provided in each of a plurality of predetermined locations;

each wireless terminal is also wireless LAN connected to the wireless LAN base station in a location other than the own location;

the wireless LAN base stations belonging to the plurality of locations are respectively connected to gateways and connected to internet via an access line connected to the gateway;

the speed of communication between the wireless terminal in communication and the wireless LAN base station belonging to a different location wireless LAN connected to the wireless terminal in communication, the wireless terminal being connected to internet via a

wireless LAN base station of a higher measured communication speed, the gateway and the access line; and locations, in which terminals in communication are provided, is discriminated, the used communication band is recorded for each location, and a communication fee is computed based on the used communication band recorded for each location.

14. The internet connection system according to one of claims 1 to 13, wherein the maximum communication speed is preset for each location, the communication operation is set to a waiting state when the communication band sum in the location, in which the terminal is provided, exceeds the maximum communication speed and is resumed when the communication band becomes lower than the maximum communication speed.

15. The internet communication system according to one of claims 1 to 13, wherein a user in one location uses the communication band of a user in a different location, and the user in the afore-said location pays the use fee to the user in the different location.

16. The internet connection system according to one of claims 1 to 13, wherein a signal permitting only terminals having preliminarily registered MAC addresses is outputted, and the MAC addresses, the numbers of the locations, in which the terminals are provided, the total

communication extents of the terminals, the ratios of the total communication extents of the terminals to the total communication speeds of all the locations, and the distributions of the ratios are used for fee computation.

17. The internet connection systems according to one of claims 1 to 13, wherein the locations are rooms.